What is Claimed Is:

1. A resistive material, comprising:

metallic powder containing copper, manganese, and aluminum; glass powder and/or copper oxide powder; and

- 5 a vehicle.
 - 2. The resistive material according to claim 1, wherein said metallic powder comprises 80 to 85 weight percent copper, 8 to 16 weight percent manganese, and 2 to 7 weight percent aluminum.
- 3. The resistive material according to either claim 1 or claim 2, wherein a maximum of 10 parts by weight of said glass powder and/or said copper oxide powder is included in the resistive material.
 - 4. The resistive material according to any one of claims 1 through 3, wherein 10 to 15 parts by weight of said vehicle is included in the resistive material.
- 5. The resistive material according to any one of claims 1 through 4, wherein said metallic powder is made by mixing copper powder, manganese powder, and aluminum powder.
 - 6. The resistive material according to any one of claims 1 through 4, wherein said metallic powder is made of a copper manganese aluminum alloy powder.
- 7. The resistive material according to any one of claims 1 through 4, wherein said 20 metallic powder is made by mixing copper manganese alloy powder and aluminum powder.
 - 8. The resistive material according to any one of claims 1 through 4, wherein said metallic powder is made by mixing copper-aluminum alloy powder and manganese powder.
- 9. The resistive material according to any one of claims 1 through 4, wherein said

metallic powder is made by mixing manganese aluminum alloy powder and copper powder.

- 10. A resistive element, including copper, manganese, and aluminum.
- 11. The resistive element according to claim 10, wherein said resistive element comprises 80 to 85 weight percent copper, 8 to 16 weight percent manganese, and 2 to 7 weight percent aluminum.

12. A resistor, comprising:

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an insulating substrate;

a resistive element containing copper, manganese, and aluminum formed on said insulating substrate; and

a pair of electrodes connected to said resistive element.

- 13. The resistor according to claim 12, wherein a conductive component contained in said resistive element comprises 80 to 85 weight percent copper, 8 to 16 weight percent manganese, and 2 to 7 weight percent aluminum.
- 15 14. The resistor according to either claim 12 or claim 13, wherein copper is used for said electrodes.
 - 15. The resistor according to any one of claims 12 to 14, wherein temperature coefficient of resistance is between \cdot 100 \times 10 6 /K and 100 \times 10 6 /K.
- 16. The resistor according to any one of claims 12 to 14, wherein thermo-electromotive 20 force is between \cdot 5 μ V/K and 5 μ V/K.
 - 17. A resistor manufacturing method, comprising the steps of:

printing a resistive material containing copper, manganese, and aluminum onto an insulating substrate; and

sintering said resistive material in a nitrogen atmosphere, thereby providing a resistive element.

18. The resistor manufacturing method according to claim 17, further comprising the steps of:

printing a conductive material containing copper as a main component onto said insulating substrate; and

5 sintering said conductive material in a nitrogen atmosphere, thereby providing electrodes.